

**MSI-110**  
**Schedule sequence 2022-2023**

<b>Topic name</b>	<b>Sharing department</b>	<b>Teaching method</b>
<b>Block 1</b>		
1- Orientation lecture	-----	lecture
2- Topography of upper limb	Anatomy	lecture
Bones & joints of upper limb	Anatomy	Practical
3- Cartilage	Histology	lecture
4- Topography of lower limb	Anatomy	Lecture
5- Bone cells	Histology	Lecture
6- Bone matrix and types of bones	Histology	Lecture
Bone & Cartilage	Histology	Practical
7- Shoulder girdle & shoulder joint	Anatomy	Lecture
8- Vitamin D & calcium	Biochemistry	Lecture
9- Introduction & osteomyelitis	Pathology	Lecture
10-Elbow, Radioulnar joints	Anatomy	Lecture
11-Vitamin C	Biochemistry	Lecture
12-Purine metabolism	Biochemistry	Lecture
13-Hyperuricemia & gout	Biochemistry	Lecture
14-Wrist and joints of hand.	Anatomy	Lecture
15-Pathology of bone tumours 1	Pathology	Lecture
16-Pathology of bone tumours 2	Pathology	Lecture
17-Hip joint	Anatomy	Lecture
Bones & joints of lower limb	Anatomy	Practical
18-Autoimmunity	Microbiology	Lecture
19-knee joint	Anatomy	Lecture
20-Tibio-fibular joints, ankle joint and arches of the foot	Anatomy	Lecture
21-Pathology of joint diseases	Pathology	Lecture
Bone tumors & case discussion	Pathology	Practical

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22-Pectoral region	Anatomy	Lecture
23-Axilla	Anatomy	Lecture
Pectoral & Axilla	Anatomy	Practical
24-Brachial plexus	Anatomy	Lecture
25-Back & Scapular region	Anatomy	Lecture
26-Histological structure of Skeletal muscle fibers 1	Histology	Lecture
27-Histological structure of Skeletal muscle fibers 2	Histology	Lecture
Back & Scapular region	Anatomy	Practical
28-Arm and Cubital fossa.	Anatomy	Lecture
29-Front of forearm	Anatomy	Lecture
30-Glycogen metabolism	Biochemistry	Lecture
31-Glycogen storage diseases	Biochemistry	Lecture
Applied biochemistry	Biochemistry	Practical
<b>Block 2</b>		
32-Back of forearm	Anatomy	Lecture
Arm & Cubital fossa	Anatomy	Practical
33-The Hand	Anatomy	Lecture
34-Nerves of the hand	Anatomy	Lecture
Front of forearm	Anatomy	Practical
35-Electrical excitability changes in skeletal muscle compared to nerve.	Biochemistry	Lecture
Back of forearm & hand	Anatomy	Practical
36-Injury of Brachial plexus	Anatomy	Lecture
37-Neuromuscular junction	Physiology	Lecture
38-Neuromuscular blockers	Pharmacology	Lecture
39-Molecular basis of muscular contraction	Physiology	Lecture
<b>Block 3</b>		
40-Upper limb nerve Injury (1)	Anatomy	Lecture
41-Upper limb nerve	Anatomy	Lecture

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Injury (2)		
CBL 1 (Rheumatoid arthritis & gout)	Anatomy, Histology, Physiology, Biochemistry, Pathology, Microbiology, Rheumatology	CBL
42-Factors affecting skeletal muscle contraction	Physiology	Lecture
43-Skeletal muscle metabolism	Physiology	Lecture
44-Movements of upper limb	Anatomy	Lecture
45-Veins of upper limb	Anatomy	Lecture
46-Physiology of the smooth muscle	Physiology	Lecture
47-Pathology of muscles & soft tissue diseases	Pathology	Lecture
48-Arterial anastomosis of upper limb	Anatomy	Lecture
49-Front of thigh	Anatomy	Lecture
50-Myasthenia gravis	Pharmacology	Lecture
51-Femoral triangle & femoral hernia	Anatomy	Lecture
52-Medial side of thigh & adductor canal	Anatomy	Lecture
Thigh front & medial	Anatomy	Practical
EMG	Physiology	Practical
CBL 2 (Myasthenia gravis & Carpal tunnel)	Anatomy, Histology, Physiology, Pathology, Pharmacology, Neurology, Rheumatology	CBL
53-Gluteal region 1	Anatomy	Lecture
54-Gluteal region 2	Anatomy	Lecture
55-Back of the thigh and popliteal fossa	Anatomy	Lecture
56-Front of leg	Anatomy	Lecture
Gluteal region	Anatomy	Practical
57-Lateral side of leg and dorsum of foot	Anatomy	Lecture
58-Posterior compartment of leg	Anatomy	Lecture
59-Keratinocytes	Histology	Lecture

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60-Non-Keratinocytes Dermis & skin appendages	Histology	Lecture
61-Sole of the foot	Anatomy	Lecture
62-Arterial anastomosis of lower limb	Anatomy	lecture
Skeletal muscle & skin	Histology	Practical
Back of thigh & popliteal fossa	Anatomy	Practical
63-Veins of lower limb	Anatomy	Lecture
64-Injury of nerves of lower limb	Anatomy	Lecture
65-Movements of lower limb	Anatomy	Lecture
66-Body weight transmission & mechanism of walking	Anatomy	Lecture
Leg (front & lateral)	Anatomy	Practical
67-Pathology of non- neoplastic skin disorders	Pathology	Lecture
68-Pathology of neoplastic skin lesion	Pathology	Lecture
69-Development of musculoskeletal system	Anatomy	Lecture
70-Pathology of melanocytic skin disorders	Pathology	Lecture
Pathology of skin	Pathology	Practical
71-Dermatomes & cutaneous nerves of upper limb	Anatomy	Lecture
72-Dermatomes & cutaneous nerves of lower limb	Anatomy	Lecture
Back of leg & anomalies of limb	Anatomy	Practical